|          |          |                 |           |                 |              |         |              |                |           |              | 1(<br>E: | 10/731,507<br>Examiner |  |                 |          |              |              |            |           |  |            | WANG, FU-YIN  Art Unit |              |        |              |          |                 |          |          |  |
|----------|----------|-----------------|-----------|-----------------|--------------|---------|--------------|----------------|-----------|--------------|----------|------------------------|--|-----------------|----------|--------------|--------------|------------|-----------|--|------------|------------------------|--------------|--------|--------------|----------|-----------------|----------|----------|--|
|          |          |                 |           |                 |              |         |              |                |           |              |          |                        |  | Ninh H. Nguyen  |          |              |              |            |           |  |            |                        |              | 3745   |              |          |                 |          |          |  |
|          |          | 1               | R         | ejec            | cted         | 1       |              | _              |           | <b>(T</b>    | hrou     | igh n                  | ume  | ral)            |          |              | N            | Non-       | Elec      | ted  |            | A                      | Appeal       |        |              |          |                 |          |          |  |
|          |          | =               | = Allowed |                 |              |         |              | ÷              |           | Restricted   |          |                        |  |                 |          |              | +            | Interferen |           | nce  |            | 0                      | Objected     |        |              |          |                 |          |          |  |
|          | Claim    |                 |           |                 | Date         |         |              |                |           |              |          | Claim                  |  |                 |          |              |              |            |           |  | J<br>      | <u>—</u>               |              |        | 5-4          |          |                 |          | _        |  |
| Cli      | T        | $\vdash$        |           | П               |              | ate<br> | Т            | T              | П         | 01021        | Cla      |                        | Т  | П               | Da       | ite          | Т            | тт         | -         | <u> </u>   | aim<br>_   | $\vdash$               | Т            | 1      | <u>Dat</u>   | e        | П               | Т        | _        |  |
| Final    | Original | 1/12/05         |           |                 |              |         |              |                |           | :            | Final    | Original               |  |                 |          |              |              |            |           | Final  | Original   | :                      |              |        |              |          |                 |          |          |  |
|          | 1        | 1               |           |                 |              |         | 1            | ⇇              |           |              |          | 51                     |  |                 |          | 1            | #            |            | ]         |  | 101        |                        | $\downarrow$ | #      | T            |          |                 |          |          |  |
|          | 3        | -               |           | $\vdash$        | +            | +       | ╀            | +-             | H         | . :          |          | 52<br>53               | $\vdash$   | $\vdash$        | +        | +            | +            | ++         |           |  | 102<br>103 | $\vdash$               | +            | +      | +            | H        | $\vdash$        | +        | $\dashv$ |  |
|          | 4        |                 |           |                 |              |         | 上            |                |           |              |          | 54                     |  | П               |          | 1            |              |            |           |  | 104        |                        |              |        |              |          |                 |          |          |  |
|          | 5        |                 |           | Н               | 4            | - -     | $\perp$      | <u> </u>       | Ш         |              |          | 55                     |  | $\sqcup$        | -        | $\bot$       | $\perp$      | -          |           |  | 105        | Ш                      | 4            | - -    | 4_           |          | Н               | 4        | 4        |  |
| -        | 7        | ┢┈              |           | H               | +            | +       | ╁            | +-             | Н         | 11.<br>700   |          | 56<br>57               |  | ╁╌╁             |          | +            | +            | +++        | -         |  | 106<br>107 |                        | +            | ╁      | +            | -        | $\vdash$        | $\dashv$ |          |  |
|          | 8        |                 |           |                 |              |         |              |                |           | erani<br>Jan |          | 58                     |  |                 |          | İ            |              |            |           |  | 108        |                        |              | I      |              |          |                 |          |          |  |
| ļ        | 9        | $\vdash$        | _         |                 | 4            | - -     | +            | ╄              | Щ         |              |          | 59<br>60               | $\vdash$   | $\vdash$        | +        | 4            | +            | $\dashv$   | 4         |  | 109<br>110 | $\sqcup$               | 4            | +      | ╀            |          | ${oxed}$        |          | _        |  |
| <u> </u> | 11       |                 |           | $\vdash$        | +            | +       | +            | ╁              | $\vdash$  |              |          | 61                     |  | +               | +        | ╁            | +            | ++         |           |  | 111        | $\vdash$               | +            | ┰      | +            | -        | ┢               | +        | $\dashv$ |  |
|          | 12       |                 |           |                 |              |         |              |                |           |              |          | 62                     |  |                 |          | 士            |              |            |           |  | 112        |                        |              |        |              |          |                 |          |          |  |
| ļ        | 13       | ļ               |           |                 | _            | _       | ╀.           | ļ              |           | . P          |          | 63                     |  |                 |          | 4            | _            |            | -45       |  | 113        | Ш                      | _            |        |              |          |                 | _        | _        |  |
| -        | 14       |                 |           | $\vdash$        | +            |         | ╁            | ╁╴             | -         |              |          | 64<br>65               | +  | $\vdash$        | +        | +            | +            | ++         |           |  | 114<br>115 | $\vdash$               | +            | +      | +            | -        | ┤┤              | +        | $\dashv$ |  |
|          | 16       |                 |           | $\Box$          | $\top$       | $\perp$ | $\perp$      |                |           |              |          | 66                     |  | $\Box$          | $\top$   | t            | $\top$       | $\pm \pm$  |           |  | 116        | П                      | +            | $\top$ | +-           |          | $\vdash$        | $\dashv$ |          |  |
|          | 17       |                 |           | П               | $\perp$      | $\perp$ | I            |                |           |              |          | 67                     |  | П               |          | Ţ            | $\bot$       |            |           |  | 117        | Ш                      |              |        |              |          | П               |          |          |  |
|          | 18<br>19 | $\vdash$        |           | $\vdash$        | +            | +       | +            | $\vdash$       | Н         |              | _        | 68<br>69               |  | $\vdash$        |          | +            | +            | ++         | -         | _  | 118<br>119 | H                      | _            |        | <del></del>  | ├        | $\vdash \vdash$ | -        | -        |  |
|          | 20       |                 |           |                 | $\top$       | T       | T            |                |           |              |          | 70                     |  |                 |          | T            |              |            |           |  | 120        | $\Box$                 | 1            | $\top$ | $\dagger$    |          | H               | $\dashv$ | $\dashv$ |  |
|          | 21       |                 |           |                 | 1            |         | $oxed{\Box}$ |                |           |              |          | 71                     |  | $\Box$          |          | Ţ            | Ţ            |            |           |  | 121        | Ш                      |              |        | $oxed{oxed}$ |          |                 |          |          |  |
|          | 22       | Н               |           | $\vdash$        | +            | -       | ╁            | $\vdash$       | -         |              |          | 72<br>73               | $\vdash$   | H               | -        | +            | +            |            | _         |  | 122<br>123 |                        |              | -      | -            | -        | $\vdash$        | $\dashv$ | -        |  |
|          | 24       | -               |           |                 | +            | _       | +-           |                | П         |              |          | 74                     |  | H               | $\top$   | +            | $\dagger$    | $\top$     |           |  | 124        | H                      | 1            |        | 1            |          | H               | $\dashv$ | ┪        |  |
|          | 25       |                 |           |                 | $\downarrow$ |         |              |                |           |              |          | 75                     |  |                 |          | 1            |              |            |           |  | 125        |                        | #            |        |              |          |                 | $\Box$   |          |  |
|          | 26<br>27 | Н               |           | $\vdash$        | -            |         | ┢            | ╁┈             | $\vdash$  | 4            | <u> </u> | 76<br>77               | $\vdash\vdash$                                   | $\vdash$        | +        | +            | +            | $\dashv$   | -17       |  | 126<br>127 | $\sqcup$               | +            | +-     | ╀            |          | $\vdash \vdash$ | +        | _        |  |
| -        | 28       | $\vdash$        | _         | $\vdash$        | +            |         | t            | ╁╌             | $\dashv$  | W.           |          | 78                     |  | $\vdash$        | $\dashv$ | +            | +            | +          |           | <b></b> -  | 128        | H                      | $\dashv$     | +-     | +            |          | $\vdash$        | $\dashv$ |          |  |
|          | 29       |                 |           | $\Box$          | $\downarrow$ |         |              |                |           |              |          | 79                     |  |                 | $\perp$  | 1            |              |            |           |  | 129        | 口                      | $\Box$       |        |              |          |                 | 1        |          |  |
|          | 30<br>31 | Н               | -         | $\vdash \vdash$ | +            | +-      | ╀            | -              | Н         |              |          | 80<br>81               |  | $\vdash$        | -        | +            | +            | ++         | -         | <u> </u>   | 130<br>131 | $\vdash$               |              | -      | +            | $\vdash$ | $\vdash \vdash$ | +        | _        |  |
|          | 32       | H               |           | $\vdash \vdash$ | +            | +       | +            |                | Н         |              |          | 82                     | <del>-  -</del>                                  | +               | $\dashv$ | +            | +            | ++         | $\exists$ |  | 132        | $\vdash$               | $\dashv$     | +      | +            | -        |                 | +        |          |  |
|          | 33       | 口               |           | $\Box$          | $\downarrow$ |         | L            |                |           |              |          | 83                     |  | $\square$       |          |              | $\downarrow$ |            |           |  | 133        |                        |              | 工      |              |          |                 | $\perp$  |          |  |
|          | 34<br>35 | $\vdash \vdash$ | _         | $\vdash$        | +            | +       | ╀            | $\vdash$       | _         |              | <u> </u> | 84<br>85               | <del>                                     </del> | $\vdash$        | -        | +            | -            | +          | 4         |  | 134        | $\sqcup$               |              | +      | +            | $\vdash$ | $\vdash$        | +        | 4        |  |
|          | 36       | Н               |           | $\vdash +$      | +            | +       | ╁            | +              | Н         |              |          | 86                     | $\vdash$   | $\vdash$        | +        | +            | +            | ++         | $\dashv$  | <u> </u>   | 135<br>136 | $\vdash$               | +            | +      | +            | $\vdash$ | H               | $\dashv$ | -        |  |
|          | 37       |                 |           |                 |              | 上       |              |                | Ħ         | 5<br>, 1/1   |          | 87                     |  |                 | 土        | 1            | $\perp$      |            |           |  | 137        |                        | 士            | 1      |              |          |                 | ╛        | ╛        |  |
|          | 38       | Ц               |           | $\Box$          | $\bot$       | $\bot$  | $\bot$       |                |           |              |          | 88                     | -  | $\Box$          |          | Ţ            | Ţ            | $\prod$    | _         |  | 138        | П                      | 丁            | $\bot$ |              |          | П               | Ţ        | _        |  |
| -        | 39<br>40 | Н               |           | $\vdash$        | +            | +       | +            | +-             | Н         |              | ļ.—-     | 89<br>90               |  | ╁┤              | +        | +            | +            | ++         | $\dashv$  |  | 139<br>140 | $\vdash \vdash$        | -            | +      | +            | $\vdash$ | ┝╌┼             | +        |          |  |
|          | 41       |                 |           | $\vdash$        | 士            |         | $\dagger$    | T              | Н         |              |          | 91                     |  | ╁┤              | $\top$   | +            | $^{+}$       |            | ╣.        | <u> </u>   | 141        | H                      | $\dashv$     | +      | +            | $\vdash$ | H               | +        | $\dashv$ |  |
|          | 42       | П               |           |                 | 1            |         |              |                |           |              |          | 92                     |  | П               |          | T            | $\top$       |            |           |  | 142        |                        |              |        |              |          |                 | $\Box$   |          |  |
| -        | 43<br>44 | Н               | _         | $\vdash \vdash$ | +            | +       | ╀            | <del>  -</del> | _         | b( );        |          | 93<br>94               |  | $\dashv$        | +        | +            | +            | +          | ]#        |  | 143<br>144 | $\vdash \vdash$        |              | +      | $\vdash$     | $\vdash$ | $\vdash \vdash$ | +        | 4        |  |
|          | 45       | H               | $\dashv$  | $\vdash$        | +            | +       | +            | $\vdash$       | Н         | . :          |          | 95                     | $\vdash\vdash$                                   | $\vdash$        | -        | +            | +            | ++         | $\exists$ | <del>                                     </del> | 144        | $\vdash$               | +            | +      | +            | -        | H               | +        | $\dashv$ |  |
|          | 46       |                 |           |                 | I            |         |              |                |           | . 43         |          | 96                     |  | П               | 土        | 1            |              |            | ┨"        |  | 146        |                        |              |        |              |          |                 |          |          |  |
| -        | 47       | Н               | _         | -1              | 4            | +       | L            | $\vdash$       | $\square$ |              |          | 97                     |  | $oxed{\Box}$    | $\perp$  | 1            | 4            | $+ \bot$   | _         |  | 147        | oxdot                  | $\perp$      | $\bot$ | Ĺ            | oxdot    | ЬŢ              | $\bot$   | _        |  |
| -        | 48       | Н               | $\dashv$  | $\dashv$        | +            | +       | +            | $\vdash$       | $\dashv$  | ş -          |          | 98<br>99               | $\dashv$   | $\vdash \vdash$ | +        | +            | +            | ++         | $\dashv$  |  | 148<br>149 | $\vdash \vdash$        | +            | +      | +            | -        | $\vdash$        | +        | $\dashv$ |  |
|          | 50       |                 |           |                 | 士            | 土       | L            |                |           |              |          | 100                    |  | ╽               | $\pm$    | $^{\dagger}$ | 士            |            |           |  | 150        |                        | 十            | 士      | 士            | П        |                 | +        | _        |  |
|          |          |                 |           |                 |              |         |              |                |           |              |          |                        |  |                 |          |              |              |            |           |  |            |                        |              |        |              |          |                 |          |          |  |

Application No.

**Index of Claims** 

Applicant(s)